

Title (en)

METHOD FOR PRODUCING AN ADHESIVE CLOSING ELEMENT

Title (de)

VERFAHREN ZUM HERSTELLEN EINES HAFTVERSCHLUSSTEILS

Title (fr)

PROCEDE DE REALISATION D'UNE PIECE DE FERMETURE PAR ADHERENCE

Publication

EP 1309257 B1 20060621 (DE)

Application

EP 01971822 A 20010731

Priority

- DE 10039937 A 20000816
- EP 0108834 W 20010731

Abstract (en)

[origin: WO0213647A2] The invention relates to a method for producing an adhesive closing element comprising a plurality of hook elements connected to a support (10) forming a single piece therewith and being disposed symmetrically thereon. Said elements are provided in the form of a stem component (17) having a head piece (16), wherein a deformable material is introduced into a forming zone in between a production master (3) and a forming tool (5). The opposite-lying defining walls, at least when seen in a longitudinal section of the respective forming cavity (12) are provided with a continuous convex trajectory, whereby a continuous transition between the cross-sectional forms of the stem component (17) and the head piece (16) is provided for a hooking means of the support (10) resulting in seamless removal.

IPC 8 full level

A44B 18/00 (2006.01); **B29C 43/22** (2006.01); **B29C 43/24** (2006.01); **B29C 43/46** (2006.01); **B29C 48/07** (2019.01); **B29C 48/08** (2019.01);
B29C 48/35 (2019.01)

CPC (source: EP KR US)

A44B 18/00 (2013.01 - KR); **A44B 18/0049** (2013.01 - EP US); **B29C 43/22** (2013.01 - EP US); **B29C 43/46** (2013.01 - EP US);
B29C 48/08 (2019.01 - EP US); **B29C 48/35** (2019.01 - EP US); **B29C 2043/461** (2013.01 - EP US); **B29L 2031/729** (2013.01 - EP US)

Cited by

DE102007057905A1; DE102008027860A1; CN114376306A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0213647 A2 20020221; WO 0213647 A3 20020725; AT E330500 T1 20060715; BR 0113223 A 20030708; BR 0113223 B1 20100908;
CA 2417227 A1 20030129; CA 2417227 C 20080603; CN 100358450 C 20080102; CN 1447658 A 20031008; CZ 2003264 A3 20030917;
CZ 300919 B6 20090909; DE 10039937 A1 20020307; DE 50110276 D1 20060803; DK 1309257 T3 20061016; EP 1309257 A2 20030514;
EP 1309257 B1 20060621; JP 2004505703 A 20040226; KR 100733737 B1 20070702; KR 20030031977 A 20030423; PL 202353 B1 20090630;
PL 362505 A1 20041102; PT 1309257 E 20061031; US 2004020591 A1 20040205; US 7198743 B2 20070403; ZA 200300780 B 20040219

DOCDB simple family (application)

EP 0108834 W 20010731; AT 01971822 T 20010731; BR 0113223 A 20010731; CA 2417227 A 20010731; CN 01814199 A 20010731;
CZ 2003264 A 20010731; DE 10039937 A 20000816; DE 50110276 T 20010731; DK 01971822 T 20010731; EP 01971822 A 20010731;
JP 2002518799 A 20010731; KR 20037002192 A 20030214; PL 36250501 A 20010731; PT 01971822 T 20010731; US 34315403 A 20030129;
ZA 200300780 A 20030129